DoD Acquisition Domain (Sourcing) (DADS)

Analysis of Alternatives (AoA)

E-Business/SPS Joint Users' Conference
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Agenda

- AoA Background
- AoA Process
  - JROC / JCIDs
  - Functional Area Analysis
  - Functional Needs Analysis
  - Functional Solution Analysis
- Team Accomplishments
- Next Steps

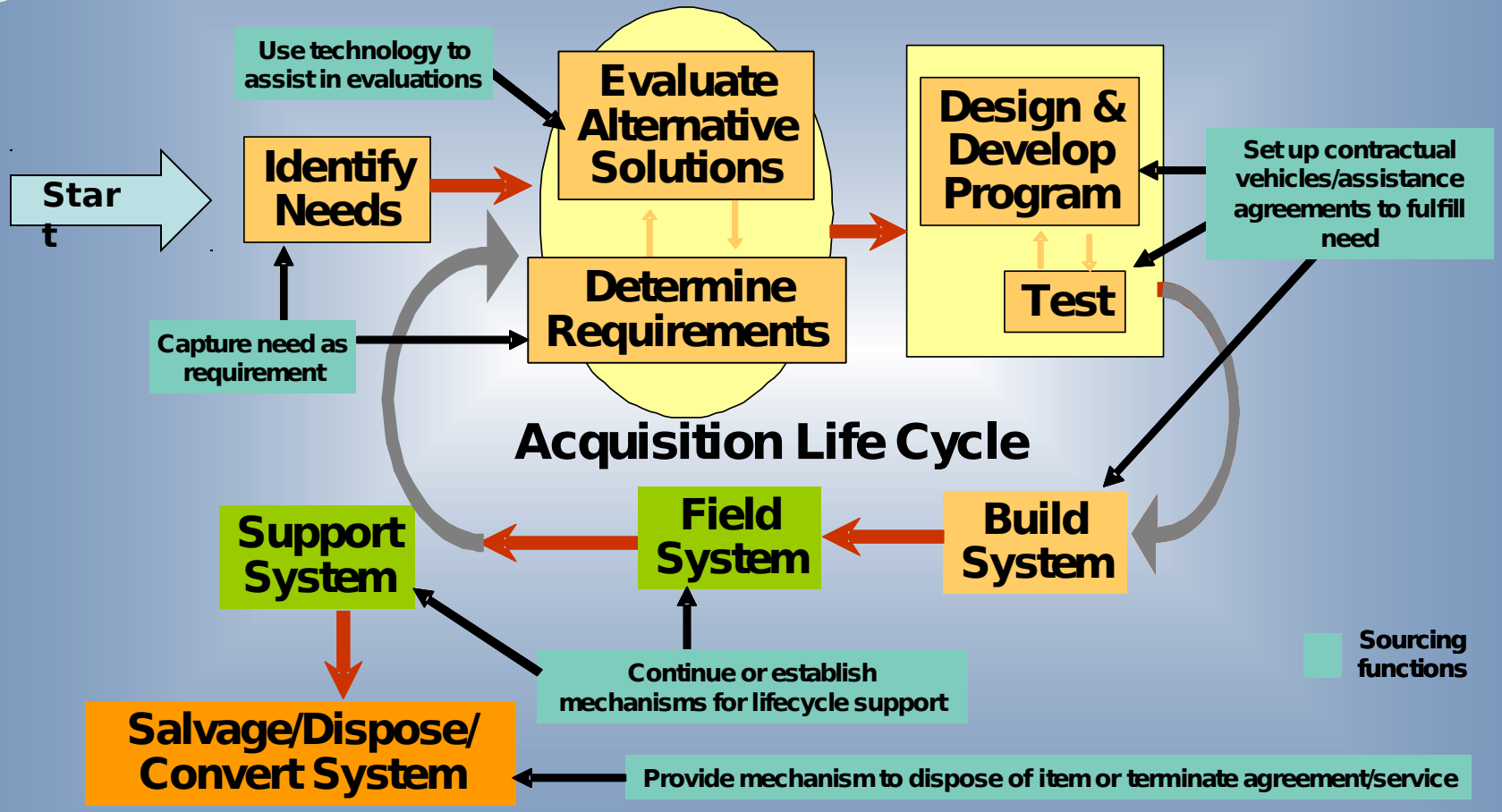
AoA Background

- The AoA is being conducted by Office of the Under Secretary of Defense (Acquisition Technology & Logistics)
- AoA Direction pursuant 26 Nov 03 AT&L Memo
  - The AoA for future joint Acquisition Domain capabilities conducted DPAP
  - Tasks include:
    - Obtain JROC validation / approval of ICD
    - Obtain Milestone Decision Authority Approval of AoA Results
    - Develop Technical Development Strategy
- All DOD Components represented
  - Air Force is AoA Study Director
- Includes discussions with Federal and Industry partners

AoA Defined

- What is the AoA?
  - Analysis of the sourcing capabilities needed by DoD
  - End-to-End Procurement
    - Moves beyond procurement to include capturing requirement document, pre and post contract management, purchase card, and assistance agreements

Digitizing the Sourcing Functions



AoA Purpose

- Why are we doing an AoA?
  - Currently, no visibility into Enterprise-level buying activity
  - No means of providing auditable financial accounting across DoD
  - Cannot respond to Total Cost of Ownership requirements
  - ***Need to evaluate the best alternatives to meet our sourcing capabilities***

Operational Concepts

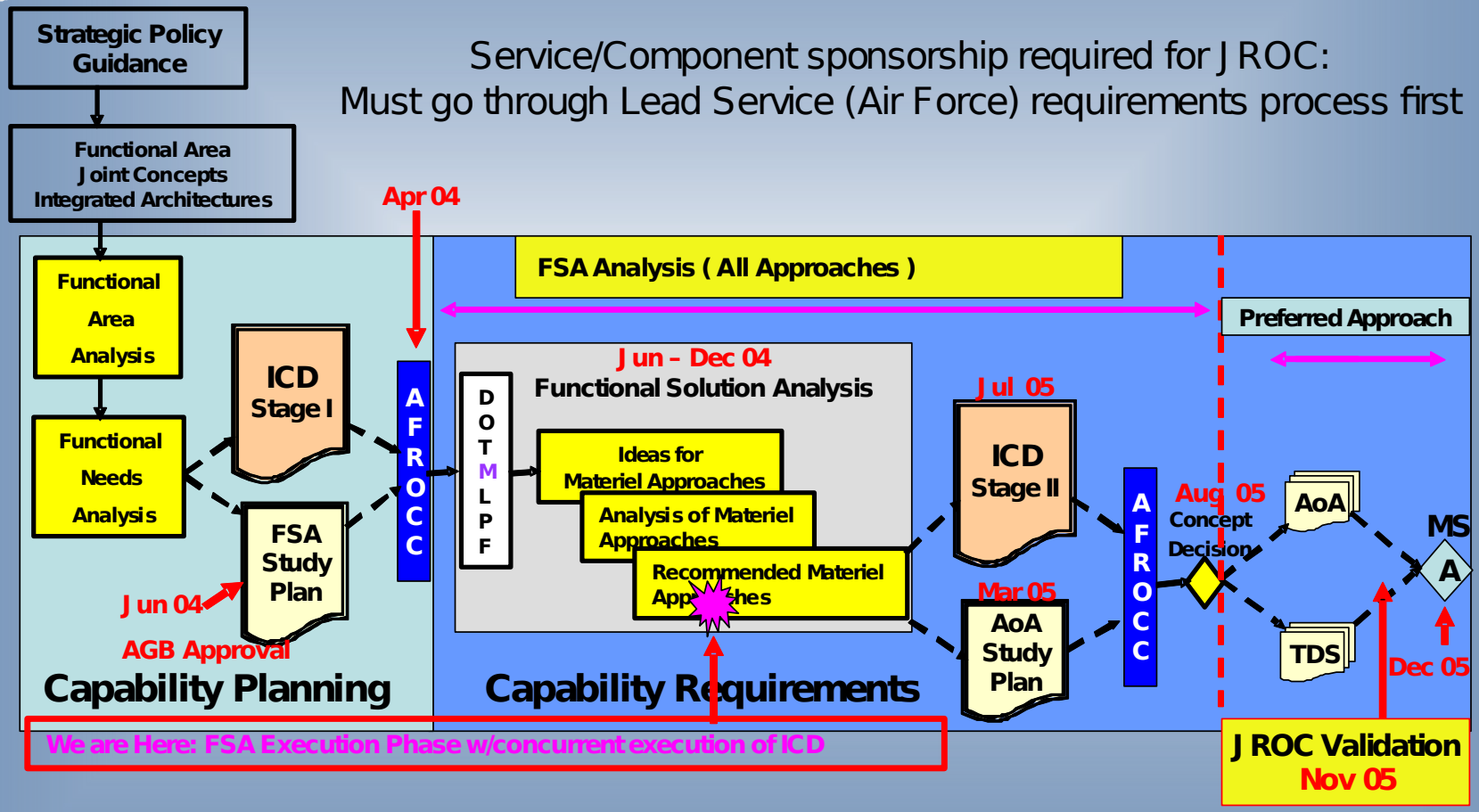
- **Joint, seamless, end-to-end procurement process for DoD**
- **Open to all operational environments**
- **Interface and interoperability aspects**
  - **Data sharing with allied, coalition, multi-national partners**
  - **Support synchronization of databases**
  - **Information flow among multiple information formats**
  - **Identify associated information/data element levels**
  - **Intelligent push-pull of data**
  - **Interface with contractors using commercial standard formats**

AoA Process

- Joint Requirements Oversight Council (JROC)
  - Validates and approves the Joint Capabilities Integration and Development Systems (JCIDS) documents
    - Initial Capabilities Document (ICD) is prepared by the user to articulate a capability gap that requires a system solution
      - Procurement is the first business system to go through the weapons systems JCIDS process

AoA Process

Service/Component sponsorship required for JROC:
Must go through Lead Service (Air Force) requirements process first



Functional Area Analysis (FAA) Required Capabilities

- Timely, cost effective sourcing
- Leveraged-enterprise buying power
- Timely & accurate data to support accounting & finance processes
- Requirement initiation through closeout/final disposition
- Supports FAR/DFARS & other sourcing guidance for contracts, commercial capabilities and assistance agreements
- Flexible, adaptable, secure interoperable w/other communities
- Solution will reside within Global Information Grid
- Multiple operational environments
  - **Available anywhere US Forces operate**
  - **Classified and non-classified**

Functional Needs Analysis (FNA)

- **The Functional Area capabilities are assessed to identify capability gaps and preliminary requirements**
  - **Laws**
    - **Chief Financial Officer Act**
    - **Clinger-Cohen Act**
    - **Government Performance and Results Act (GPRA)**
    - **Federal Information Security Management Act (FISMA)**
  - **Business Process Re-engineering Workshops**
  - **Government Purchase Card IPT**
  - **PD2 299 Functional Requirements**
  - **Defense Logistics Agency Business System Modernization (BSM)**
  - **Technical Influences**
    - **Business Enterprise Architecture**
    - **Global Information Grid CRD**
    - **Network Core Enterprise Services Initial Capability Document**
    - **Global Combat Support System**

Functional Solutions Analysis (FSA)

- Provides direction for acquiring capabilities to fulfill shortfalls in the Functional Needs Analysis
  - Recommend preferred alternative for AoA Study
- FSA has two parts
  - Non-material solution: Satisfy by changing doctrine, operations, training, leadership, personnel and/or facilities
  - Material solutions: possible *"types"* of viable solutions to fill the gaps, which are the most cost-effective
- Resulting AoA and Technology Development Strategy (TDS) taken to "Milestone A" Decision

FSA Alternatives

- Priorities for alternatives include
  - Leverage existing capabilities (keep the status quo)
  - Make product improvements to the existing system (re-engineer the status quo)
  - Use existing solutions currently in Federal Sector
  - Initiate a new system solution
    - COTS
    - Proprietary System

AoA Team Accomplishments

- Trained multiple work groups
  - Joint Representatives
- Achieved a mature process
- Developed effectiveness measures
- Completed Market Survey
  - RFI done, Industry responses received
- Developed alternative approaches
- Completed initial approach comparison

Next Steps

- Take remaining approaches into further study
- Apply cost factors to viable alternatives
- Complete Initial Capabilities Document (ICD) Stage 2
- Present ICD to Air Force Requirements Oversight Coordinating Council (AFROCC)
- Forward requirement to Joint Requirements Oversight Council (JROC)

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An innovative and strategic Acquisition enterprise focused on efficient and cost-effective delivery of the best possible capabilities that enable the Warfighter to succeed.

Our Mission...

Lead the transformation to strategic acquisition by integrating the people, processes, technologies, and policies required to implement a modern acquisition environment that supports the Warfighter's needs.